

Date: June 16, 1983

Subject: Site Sampling Report. Chain of Rocks Amusement Park

From: George P. Keary
Team Leader

To: William J. Keffer
Chief, EP&R/ENSV

Name of Site: Chain of Rocks Amusement Park
St. Louis County, Missouri

Site Location:

Site is located about 0.1 mile south of the intersection of I-270 and Riverview Drive in the northeast corner of the St. Louis metropolitan area. Access to the site is described on the attached recon map taken from the USGS 7.5 minute Columbia Bottom, Mo-Ill. quad sheet. At Exit 65 off 270 go south to the Waterworks administration building and then turn west at the loop at the end of the road. The site is the 9 acre overgrown parking lot immediately northeast of the end of the road. All site drainage is to the southwest.

Site History:

The site is the parking lot area of the former Chain of Rocks Amusement Park. Previous employees of the park, which closed in 1975, have reported that the parking area and possible Lookaway Drive were sprayed by the Bliss Oil Co. in April or May of each year from the early 1960's until the park closed.

Problems:

No problems with access to any portion of the area.

On the second day at the site, I sent one person to collect the three (3) remaining drainage samples. While these samples were off-site and not considered high hazard, he did suit up to cross the site. When he had not returned after forty five (45) minutes, I and another person suited up to go look for him. We met him as he was returning with the samples. He had been delayed by extremely heavy vegetation and steep slopes. This incident pointed out the need for radio communication and at least two people to collect samples, even off-site, if out of

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sight.

Changes to the Study Plan:

Four (4) dust samples were not collected. Three (3) because no one was home. We tried to contact everyone by phone, but one person had a silent number, another was out of town on vacation and no number available for the third party. The fourth sample was not taken because it was not a residence.

ST. LOUIS INVESTIGATIONS
 SAMPLE SUMMARY
 06/14/83

EPA #	SITE NAME	LOCATION
-AP1505	CHAIN OF ROCKS AMU. E.25,5.75 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	ST. LOUIS, MO
-AP1507	CHAIN OF ROCKS AMU. E.25,5.50 LOCATION, 0-12 IN. DEPTH, 5 ALIQUOTS.	ST. LOUIS, MO
-AP1513	CHAIN OF ROCKS AMU. F.25,5 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	ST. LOUIS, MO
-AP1514	CHAIN OF ROCKS AMU. F.25,5 LOCATION, 12-24 IN. DEPTH, 1 ALIQUOT.	ST. LOUIS, MO
-AP1515	CHAIN OF ROCKS AMU. F.25,5 LOCATION, 24-36 IN. DEPTH, 1 ALIQUOT.	ST. LOUIS, MO
-AP1516	CHAIN OF ROCKS AMU. E.25,5 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	ST. LOUIS, MO
-AP1517	CHAIN OF ROCKS AMU. F.75,4.75 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	ST. LOUIS, MO
-AP1518	CHAIN OF ROCKS AMU. E.75,4.75 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	ST. LOUIS, MO
-AP1519	CHAIN OF ROCKS AMU. F.75,4.25 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	ST. LOUIS, MO
-AP1520	CHAIN OF ROCKS AMU. E.75,4.25 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	ST. LOUIS, MO
-AP1521	CHAIN OF ROCKS AMU. E.75,4.25 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	ST. LOUIS, MO
-AP1522	CHAIN OF ROCKS AMU. E.75,4.25 LOCATION, 12-24 IN. DEPTH, 1 ALIQUOTS.	ST. LOUIS, MO
-AP1523	CHAIN OF ROCKS AMU. E.75,4.25 LOCATION, 24-36 IN. DEPTH, 1 ALIQUOT.	ST. LOUIS, MO
-AP1524	CHAIN OF ROCKS AMU. F.25,4 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	ST. LOUIS, MO
-AP1525	CHAIN OF ROCKS AMU. E.25,4 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	ST. LOUIS, MO
-AP1526	CHAIN OF ROCKS AMU. F.25,3.50 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	ST. LOUIS, MO
-AP1527	CHAIN OF ROCKS AMU. F.25,3.50 LOCATION, 12-24 IN. DEPTH, 1 ALIQUOT.	ST. LOUIS, MO
-AP1528	CHAIN OF ROCKS AMU. F.25,3.50 LOCATION, 24-36 IN. DEPTH, 1 ALIQUOT.	ST. LOUIS, MO

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EPA #	SITE NAME	LOCATION
-AP1529 E.25,3.50 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1530 F.75,3.25 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1531 E.75,3.25 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1532 E.75,2.75 LOCATION, 0-12 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1533 E.75,2.75 LOCATION, 12-24 IN. DEPTH, 1 ALIQUOT.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1534 E.75,2.75 LOCATION, 24-36 IN. DEPTH, 1 ALIQUOT.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1542 10881 SPRING GARDEN DRIVE, (5) LOCATION, DUST SAMPLE.	CHAIN OF ROCKS AMU.	ST. LOUIS
-AP1550 10825 SPRING GARDEN DRIVE, (13) LOCATION, 0-6 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS
-AP1551 10821 SPRING GARDEN DRIVE, (14) LOCATION, 0-6 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS
-AP1552 12875 SPRING GARDEN DRIVE, (15) LOCATION, 0-6 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS
-AP1553 10873 SPRING GARDEN DRIVE, (16) LOCATION, 0-6 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS
-AP1554 10869 SPRING GARDEN DRIVE, (17) LOCATION, 0-6 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS
-AP1555 10867 SPRING GARDEN DRIVE, (18) LOCATION, 0-6 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS
-AP1556 10861 SPRING GARDEN DRIVE, (19) LOCATION, 0-6 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS
-AP1557 10857 SPRING GARDEN DRIVE, (20) LOCATION, 0-6 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS
-AP1572 E.1,3.3, (35) LOCATION, 0-2 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS
-AP1574 E.50,2.50, (37) LOCATION, 0-2 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS

ST. LOUIS INVESTIGATIONS
SAMPLE SUMMARY
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EPA #	SITE NAME	LOCATION
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RECORDS SELECTED 35

ST. LOUIS INVESTIGATIONS
 SAMPLE SUMMARY
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EPA #	SITE NAME	LOCATION
-AP1500	CHAIN OF ROCKS AMU. E.75,6 LOCATION, 0-12 IN. DEPTH, 1 ALIQUOT.	ST. LOUIS, MO
-AP1501	CHAIN OF ROCKS AMU. F.25,6 LOCATION, 12-24 IN. DEPTH, 1 ALIQUOT.	ST. LOUIS, MO
-AP1502	CHAIN OF ROCKS AMU. F.25,6 LOCATION, 24-36 IN. DEPTH, 1 ALIQUOT.	ST. LOUIS, MO
-AP1503	CHAIN OF ROCKS AMU. F.75,6 (6) LOCATION, 0-12 IN. DEPTH, 1 ALIQUOT.	ST. LOUIS, MO
-AP1504	CHAIN OF ROCKS AMU. D,6 LOCATION, 0-6 IN. DEPTH, 5 ALIQUOTS.	ST. LOUIS, MO
-AP1506	CHAIN OF ROCKS AMU. F.25,5.25 LOCATION, 0-12 IN. DEPTH, 1 ALIQUOT.	ST. LOUIS, MO
-AP1508	CHAIN OF ROCKS AMU. E.65,5.6 LOCATION, 0-12 IN. DEPTH, 1 ALIQUOT.	ST. LOUIS, MO
-AP1509	CHAIN OF ROCKS AMU. D.50,5.25 LOCATION, 0-6 IN. DEPTH, 5 ALIQUOTS.	ST. LOUIS, MO
-AP1510	CHAIN OF ROCKS AMU. D,5.50 LOCATION, 0-6 IN. DEPTH, 5 ALIQUOTS.	ST. LOUIS, MO
-AP1511	CHAIN OF ROCKS AMU. D,5.50 LOCATION, 0-6 IN. DEPTH, 5 ALIQUOTS, PRIORITY POLLUTANT SAMPLE- EPA LA	ST. LOUIS, MO
-AP1512	CHAIN OF ROCKS AMU. C.25,5.50 LOCATION, 0-6 IN. DEPTH, 5 ALIQUOTS.	ST. LOUIS, MO
-AP1535	CHAIN OF ROCKS AMU. C,5 LOCATION, 0-6 IN. DEPTH, 5 ALIQUOTS.	ST. LOUIS, MO
-AP1536	CHAIN OF ROCKS AMU. C,5 LOCATION, 0-6 IN. DEPTH, 5 ALIQUOTE, PRIORITY POLLUTANT SAMPLE-EPA LAB.	ST. LOUIS, MO
-AP1537	CHAIN OF ROCKS AMU. G.25,4.75 LOCATION, 0-12 IN. DEPTH, 1 ALIQUOT.	ST. LOUIS, MO
-AP1538	CHAIN OF ROCKS AMU. F.9,5.9 LOCATION, DUST SAMPLE.	ST. LOUIS, MO
-AP1541	CHAIN OF ROCKS AMU. G.75,2.75 LOCATION, DUST SAMPLE.	ST. LOUIS, MO
-AP1544	CHAIN OF ROCKS AMU. 10853 SPRING GARDEN DRIVE (7) LOCATION, DUST SAMPLE.	ST. LOUIS, MO
-AP1546	CHAIN OF ROCKS AMU. 139 DUNDEE CIRCLE (9) LOCATION, DUST SAMPLE.	ST. LOUIS, MO

ST. LOUIS INVESTIGATIONS
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EPA #	SITE NAME	LOCATION
-AP1547 213 DUNDEE CIRCLE (10)	CHAIN OF ROCKS AMU. LOCATION, DUST SAMPLE.	ST. LOUIS, MO
-AP1548 233 DUNDEE CIRCLE (11)	CHAIN OF ROCKS AMU. LOCATION, DUST SAMPLE.	ST. LOUIS, MO
-AP1549 253 DUNDEE CIRCLE (12)	CHAIN OF ROCKS AMU. LOCATION, DUST SAMPLE.	ST. LOUIS, MO
-AP1558 D.50,5.75 (21)	CHAIN OF ROCKS AMU. LOCATION, SWEEP SAMPLE.	ST. LOUIS, MO
-AP1559 D.50,5.25 (22)	CHAIN OF ROCKS AMU. LOCATION, SWEEP SAMPLE.	ST. LOUIS, MO
-AP1560 C.50,4.75 (23)	CHAIN OF ROCKS AMU. LOCATION, SWEEP SAMPLE.	ST. LOUIS, MO
-AP1561 B.50,4.75 (24)	CHAIN OF ROCKS AMU. LOCATION, SWEEP SAMPLE.	ST. LOUIS, MO
-AP1562 D.75,4.50 (25)	CHAIN OF ROCKS AMU. LOCATION, SWEEP SAMPLE.	ST. LOUIS, MO
-AP1563 D.25,4.25 (26)	CHAIN OF ROCKS AMU. LOCATION, SWEEP SAMPLE.	ST. LOUIS, MO
-AP1564 B.9,3.9 (27)	CHAIN OF ROCKS AMU. LOCATION, SWEEP SAMPLE.	ST. LOUIS, MO
-AP1565 C.75,3.75 (28)	CHAIN OF ROCKS AMU. LOCATION, SWEEP SAMPLE.	ST. LOUIS, MO

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EPA #	SITE NAME	LOCATION
-AP1566 C.50,3.25 (29) LOCATION, SWEEP SAMPLE.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1567 D.25,3.25 (30) LOCATION, SWEEP SAMPLE.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1568 D,2.50 (31) LOCATION, SWEEP SAMPLE.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1569 D.50,2.50 (32) LOCATION, SWEEP SAMPLE.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1570 E,1.50 (33) LOCATION, SWEEP SAMPLE.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1571 G.25,3.50 (34) LOCATION, 0-6 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1573 F.25,2.25 (36) LOCATION, 0-2 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1575 F.25,2.25 (36) LOCATION, 0-2 IN. DEPTH, 10 ALIQUOTS.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1577 D.50,5.50 LOCATION, 0-6 IN. DEPTH, 5 ALIQUOTS, DUPLICATE OF AP1509.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1578 DUPLICATE OF AP1501.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1579 DUPLICATE OF AP1502.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO
-AP1580 RINSEATE OF AP1500.	CHAIN OF ROCKS AMU.	ST. LOUIS, MO

RECORDS SELECTED 12